Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 24 Aug 2020 until 23:59 on Tuesday 25 Aug 2020

Forecast Issued on Monday 24 Aug 2020 at 02:24

Confidence: High throughout, but moderate in extent and intensity of showers on Monday.

Headline for Monday 24 Aug 2020: Sunny spells and scattered heavy and perhaps thundery showers.

Mountain weather hazards on Monday 24 Aug 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability					
30%	30%	30%	40%	10%	00%

Forecast for Monday 24 Aug 2020

Weather: Rather cloudy through the early hours of Monday with further showery outbreaks of rain which will be heavy at times with the risk of thunder. Through the morning, showers may become less extensive with some bright or sunny spells developing, especially in the west. Despite this, there remains the risk of further heavy and perhaps thundery showers during the afternoon, these most likely over eastern ridges, with the best of the sunshine in the west. Through the evening, most places should become dry with plenty of sunshine.

Chance of cloud free mountain/hill tops above 600m: 30-50% improving to 70% with the poorest conditions across the east due to frequency of showers. The greatest chance of cloud free summits will be in the west.

Visibility: Generally excellent (30km) with far reaching ridges visible with detailed clarity. Showers will temporarily lower the visibility to between 3000m and 7km, reducing clarity on nearby ridges. Visibility on summits will be <100m when cloudy.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 24 Aug 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/11 W	8/11 W	8/12 W	9/13 W	7/9 W	7/10 E	7/14 E
300	7/14 NW	7/12 NW	7/12 W	9/14 W	5/9 W	3/6 E	6/15 E
Valley	2/8 NW	6/11 W	7/11 W	7/12 W	5/9 SW	3/6 E	7/15 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/6	9/7	11/9	12/10	11/10	9/8	9/7
300	10/8	12/11	14/13	15/13	13/12	10/9	10/9
Valley	10/10	14/12	16/14	16/15	14/14	11/10	11/10
Freezing Level*	1700m	1600m	1800m	1900m	2000m	2000m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Sunshine is still strong in August, so sun cream will be essential with high UV expected, especially in the west.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 24 Aug 2020	4.6mm	21.4mm	45mm

Forecast for Tuesday 25 Aug 2020

Weather: Clear at first, but quickly becoming wet and very windy through the early hours of Tuesday, with outbreaks of heavy and persistent rain combined with gales lasting throughout.

Maximum wind: East-southeasterly 20-25mph, gusting 30-35mph, strengthening through the morning to 30-35mph, gusting 45-50mph. Winds will ease again through Tuesday evening to become 10-15mph, blowing from the southeast and then northwest by midnight.

Chance of cloud free mountain/hill tops above 600m: Generally 0-10% throughout with very limited breaks in the cloud over the summits.

Visibility: Often poor throughout with visibilities of 2000-5000m in rain and drizzle and <100m in fog caused by low cloud.

Temperature: **Valleys:** Plus 10 Celsius, rising to Plus 15 Celsius.
At 600m: Plus 9 Celsius, rising to Plus 12 Celsius.
Freezing level: Above summits.

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